

# King County DNRP Water Quality Index

STATION **456A** WATER YEAR **2018**

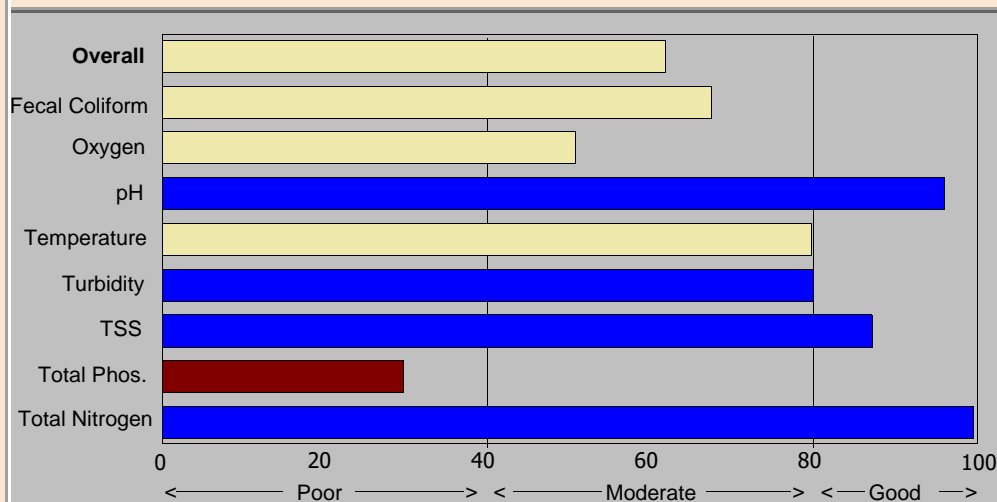
**GAUGE # 20AN Forbes Creek Below Access Rd**

**Overall Index 62**

King County historically monitored the water quality in Forbes Creek at station 0456, which is located near the end of the pump access road on NW 106th Street. Sampling began in 1979, was discontinued in 2009 when budget cutbacks reduced King County's water quality monitoring program, and then resumed in 2013. In 2016 the historical site went dry and the sampling station was moved just downstream of the pump station access road crossing and renamed 0456A. Forbes Creek is short, running only 1.8 miles through the City of Kirkland and a wetland area before draining into the northeast corner of Lake Washington. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature, dissolved oxygen, and fecal coliform bacteria standards.

## Annual Water Quality Index Scores

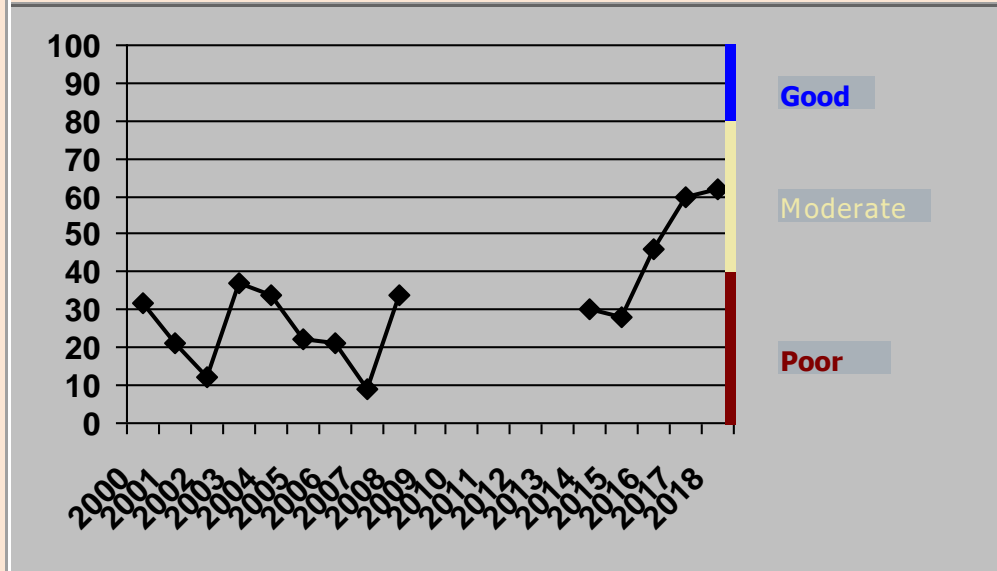
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



## Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
78	92	96	79	72	81	92	82	62	72	61	64

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>